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**AUG 10 2004**

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<b>To:</b> Examiner E.J. Wojciechoelcz Group Art Unit: 2815	<b>From:</b> Leslie S. Szivos, Ph.D.
<b>Fax:</b> 703-872-9306	<b>Pages:</b> 11 including cover
<b>Phone:</b>	<b>Date:</b> 8/10/2004
<b>Re:</b> Sadanand V. Desphande, et al. U.S. Patent Appln. No. 10/751,831 Our Docket: 16422A	<b>CC:</b>

☒ **XX Urgent**    ☐ **For Review**    ☐ **Please Comment**    ☐ **Please Reply**    ☐ **Please Recycle**

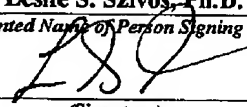
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The following is attached hereto:


1. Amendment Transmittal in duplicate
2. Amendment under 37 CFR 1.111
3. Certificate of Facsimile

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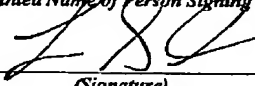
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<b>CERTIFICATE OF TRANSMISSION BY FACSIMILE (37 CFR 1.8)</b> Applicant(s): <b>Sadanand V. Deshpande, et al.</b>			Docket No. <b>FIS920030078US2 (16422A)</b>	
Application No. <b>10/751,831</b>	Filing Date <b>1/5/2004</b>	Examiner <b>E.J. Wojciechowicz</b>	Group Art Unit <b>2815</b>	
Invention: <b>STI STRESS MODIFICATION BY NITROGEN PLASMA TREATMENT FOR IMPROVING PERFORMANCE IN SMALL WIDTH DEVICES</b>				
<p>I hereby certify that this <u>AMENDMENT UNDER 37 CFR 1.111</u> <small>(Identify type of correspondence)</small> is being facsimile transmitted to the United States Patent and Trademark Office (Fax. No. <u>703-872-9306</u> ) on <u>August 10, 2004</u> <small>(Date)</small></p> <p style="text-align: center;"><u>Leslie S. Szivos, Ph.D.</u> <small>(Typed or Printed Name of Person Signing Certificate)</small>  <small>(Signature)</small></p> <p style="text-align: center;">Note: Each paper must have its own certificate of mailing.</p>				


P18/REV02

<b>AMENDMENT TRANSMITTAL LETTER (Large Entity)</b>				<b>Docket No.</b>	
Applicant(s): <b>Sadanand V. Deshpande, et al.</b>				<b>FIS920030078US2 (16422A)</b>	
<b>Application No.</b> 10/751,831	<b>Filing Date</b> 1/5/2004	<b>Examiner</b> E.J. Wojciechowicz	<b>Customer No.</b> 23389	<b>Group Art Unit</b> 2815	<b>Confirmation No.</b> 3568
<b>Invention:</b> <b>STI STRESS MODIFICATION BY NITROGEN PLASMA TREATMENT FOR IMPROVING PERFORMANCE IN SMALL WIDTH DEVICES</b>					
<b><u>COMMISSIONER FOR PATENTS:</u></b>					
Transmitted herewith is an amendment in the above-identified application.					
The fee has been calculated and is transmitted as shown below.					
<b>CLAIMS AS AMENDED</b>					
	<b>CLAIMS REMAINING AFTER AMENDMENT</b>	<b>HIGHEST # PREV. PAID FOR</b>	<b>NUMBER EXTRA CLAIMS PRESENT</b>	<b>RATE</b>	<b>ADDITIONAL FEE</b>
TOTAL CLAIMS	6 -	20 =	0 x	\$18.00	\$0.00
INDEP. CLAIMS	1 -	3 =	0 x	\$86.00	\$0.00
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					\$0.00
<b>TOTAL ADDITIONAL FEE FOR THIS AMENDMENT</b>					<b>\$0.00</b>
 <input checked="" type="checkbox"/> No additional fee is required for amendment. <input type="checkbox"/> Please charge Deposit Account No. _____ in the amount of _____ <input type="checkbox"/> A check in the amount of _____ to cover the filing fee is enclosed. <input checked="" type="checkbox"/> The Director is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account <b>09-0458/IBM</b> <input checked="" type="checkbox"/> Any additional filing fees required under 37 C.F.R. 1.16. <input checked="" type="checkbox"/> Any patent application processing fees under 37 CFR 1.17.					
 _____ <i>Signature</i>			<b>Dated: August 10, 2004</b>		
<b>Leslie S. Szivos, Ph.D.</b> <b>Registration No. 39,394</b>			<div style="border: 1px solid black; padding: 5px;"><div>certify that this document and fee is being deposited on _____ with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.</div><div style="border-top: 1px solid black; height: 20px; margin-top: 10px;"></div><div style="border-top: 1px solid black; height: 20px; margin-top: 10px;"></div><div style="border-top: 1px solid black; height: 20px; margin-top: 10px;"></div></div>		
CC:					

P11LARGE/REV07

<b>CERTIFICATE OF TRANSMISSION BY FACSIMILE (37 CFR 1.8)</b> Applicant(s): <b>Sadanand V. Deshpande, et al.</b>			<b>Docket No.</b> <b>FIS920030078US2 (16422A)</b>
<b>Application No.</b> <b>10/751,831</b>	<b>Filing Date</b> <b>1/5/2004</b>	<b>Examiner</b> <b>E.J. Wojciechowicz</b>	<b>Group Art Unit</b> <b>2815</b>
<b>Invention:</b> <b>STI STRESS MODIFICATION BY NITROGEN PLASMA TREATMENT FOR IMPROVING PERFORMANCE IN SMALL WIDTH DEVICES</b>			
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Applicant(s): <b>Sadanand V. Deshpande, et al.</b>				<b>FIS920030078US2 (16422A)</b>	
<b>Application No.</b> 10/751,831	<b>Filing Date</b> 1/5/2004	<b>Examiner</b> E.J. Wojciechowicz	<b>Customer No.</b> 23389	<b>Group Art Unit</b> 2815	<b>Confirmation No.</b> 3568
<b>Invention:</b> <b>STI STRESS MODIFICATION BY NITROGEN PLASMA TREATMENT FOR IMPROVING PERFORMANCE IN SMALL WIDTH DEVICES</b>					
<b>COMMISSIONER FOR PATENTS:</b>					
Transmitted herewith is an amendment in the above-identified application. The fee has been calculated and is transmitted as shown below.					
<b>CLAIMS AS AMENDED</b>					
	<b>CLAIMS REMAINING AFTER AMENDMENT</b>	<b>HIGHEST # PREV. PAID FOR</b>	<b>NUMBER EXTRA CLAIMS PRESENT</b>	<b>RATE</b>	<b>ADDITIONAL FEE</b>
<b>TOTAL CLAIMS</b>	<b>6</b>	<b>20</b>	<b>0 x</b>	<b>\$18.00</b>	<b>\$0.00</b>
<b>INDEP. CLAIMS</b>	<b>1</b>	<b>3</b>	<b>0 x</b>	<b>\$86.00</b>	<b>\$0.00</b>
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					<b>\$0.00</b>
<b>TOTAL ADDITIONAL FEE FOR THIS AMENDMENT</b>					<b>\$0.00</b>
<div><input checked="" type="checkbox"/> No additional fee is required for amendment.</div> <div><input type="checkbox"/> Please charge Deposit Account No. _____ in the amount of _____</div> <div><input type="checkbox"/> A check in the amount of _____ to cover the filing fee is enclosed.</div> <div><input checked="" type="checkbox"/> The Director is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account <b>09-0458/IBM</b></div> <div><input checked="" type="checkbox"/> Any additional filing fees required under 37 C.F.R. 1.16.</div> <div><input checked="" type="checkbox"/> Any patent application processing fees under 37 CFR 1.17.</div> <div style="text-align:right; margin-top: 20px;"> _____ <i>Signature</i></div> <div style="text-align:right; margin-top: 10px;">Dated: <b>August 10, 2004</b></div> <div style="margin-top: 10px;"><b>Leslie S. Szivos, Ph.D.</b> <b>Registration No. 39,394</b></div>					
<div><input checked="" type="checkbox"/> I certify that this document and fee is being deposited on _____ with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.</div> <div>_____ <i>Signature of Person Mailing Correspondence</i></div> <div>_____ <i>Typed or Printed Name of Person Mailing Correspondence</i></div>					
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**OFFICIAL****RECEIVED  
CENTRAL FAX CENTER****AUG 10 2004****IN THE UNITED STATES PATENT AND TRADEMARK OFFICE****Applicant(s):** Sadanand V. Deshpande, et al.**Examiner:** E.J. Wojciechowicz**Serial No:** 10/751,831**Art unit:** 2815**Filed:** January 5, 2004**Docket:** FIS920030078US2 (16422A)**For:** STI STRESS MODIFICATION BY  
NITROGEN PLASMA TREATMENT FOR  
IMPROVING PERFORMANCE IN SMALL  
WIDTH DEVICES**Dated:** August 10, 2004**Confirmation No.:** 3568Commissioner for Patents  
Alexandria, VA 22313-1450**RESPONSE UNDER 37 C.F.R. § 1.111**

Sir:

In response to the Office Action dated June 30, 2004, applicants submit the following amendments and remarks for entry of record in the above-identified patent application.

**CERTIFICATION OF FACSIMILE TRANSMISSION**

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Dated: August 10, 2004

  
\_\_\_\_\_  
Leslie S. Szivos, Ph.D.